

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A echo canceler, comprising:
an echo canceler module capable of configuration as one of an acoustic echo canceler and a hybrid echo canceler; and
a control register adapted to configure said echo canceler module as said one of said acoustic echo canceler and said hybrid echo canceler;
wherein said echo canceler module is configurable to operate as said acoustic echo canceler for use in a first wireless device and said hybrid echo canceler is configurable for use in a second wireless device through a common connection.

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2. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a span length of said echo canceler module.

3. (original) The echo canceler according to claim 2, wherein:
said span length is adapted to be operably reconfigurable.

4. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure a step size relating to adaptation of said echo canceler module

5. (original) The echo canceler according to claim 4, wherein:
said step size is adapted to be operably reconfigurable.

6. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to configure an ability to update tap information relating to said echo canceler module.

7. (original) The echo canceler according to claim 6, wherein:
said ability to update tap information is adapted to be operably reconfigurable.

8. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select one of a plurality of possible adaptation modes of said echo canceler module.

9. (original) The echo canceler according to claim 8, wherein:
said selection is operably reconfigurable.

10. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band center clipping and full-band center clipping with respect to said echo canceler module.

11. (original) The echo canceler according to claim 10, wherein:
said selection is operably reconfigurable.

12. (original) The echo canceler according to claim 1, wherein:
said control register is adapted to select between sub-band echo cancellation and full-band echo cancellation.

13. (original) The echo canceler according to claim 12, wherein:
said selection is operably reconfigurable.

14. (original) The echo canceler according to claim 1, wherein:
said echo canceler module is adapted to configurably receive an input signal from two of:

a microphone,
a telephone line in, and
handset in.

15. (currently amended) A method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, said method comprising:

configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler;

operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module operates as said acoustic echo canceler and said hybrid echo canceler through a common connection.

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16. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing a span length of said echo canceler module.

17. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an adaptation speed of said echo canceler module.

18. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an enablement status of a tap update ability of said echo canceler module.

19. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

changing an adaptation mode of said echo canceler module.

20. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band center clipping or full-band center clipping with respect to said echo canceler module.

21. (original) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said reconfiguring comprises:

selecting between sub-band echo cancellation or full-band echo cancellation with respect to said echo canceler module.

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22. (currently amended) Apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler, comprising:

means for configuring said echo canceler module as one of said acoustic echo canceler and said hybrid echo canceler;

means for operating said echo canceler module as said acoustic echo canceler if said echo canceler module is utilized in a first wireless device; and

means for operating said echo canceler module as said hybrid echo canceler if said echo canceler module is utilized in a second wireless device;

wherein said echo canceler module operates as said acoustic echo canceler and said hybrid echo canceler through a common connection.

23. (previously presented) The echo canceler according to claim 1, wherein:

said first wireless device is a handset of a cordless telephone.

24. (previously presented) The echo canceler according to claim 1, wherein:

said second wireless device is a base unit of a cordless telephone.

25. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring echo canceler in said first wireless device for use in a handset of a cordless telephone.

26. (previously presented) The method of configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 15, wherein said configuring comprises:

configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.

27. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said first wireless device for use in a handset of a cordless telephone.

28. (previously presented) The apparatus for configuring an echo canceler module as either an acoustic echo canceler or as a hybrid echo canceler according to claim 22, wherein said means for configuring comprises:

means for configuring said echo canceler in said second wireless device for use in a base unit of a cordless telephone.